

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1256923

Luminaire Tested: P3AS09R209040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256923
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

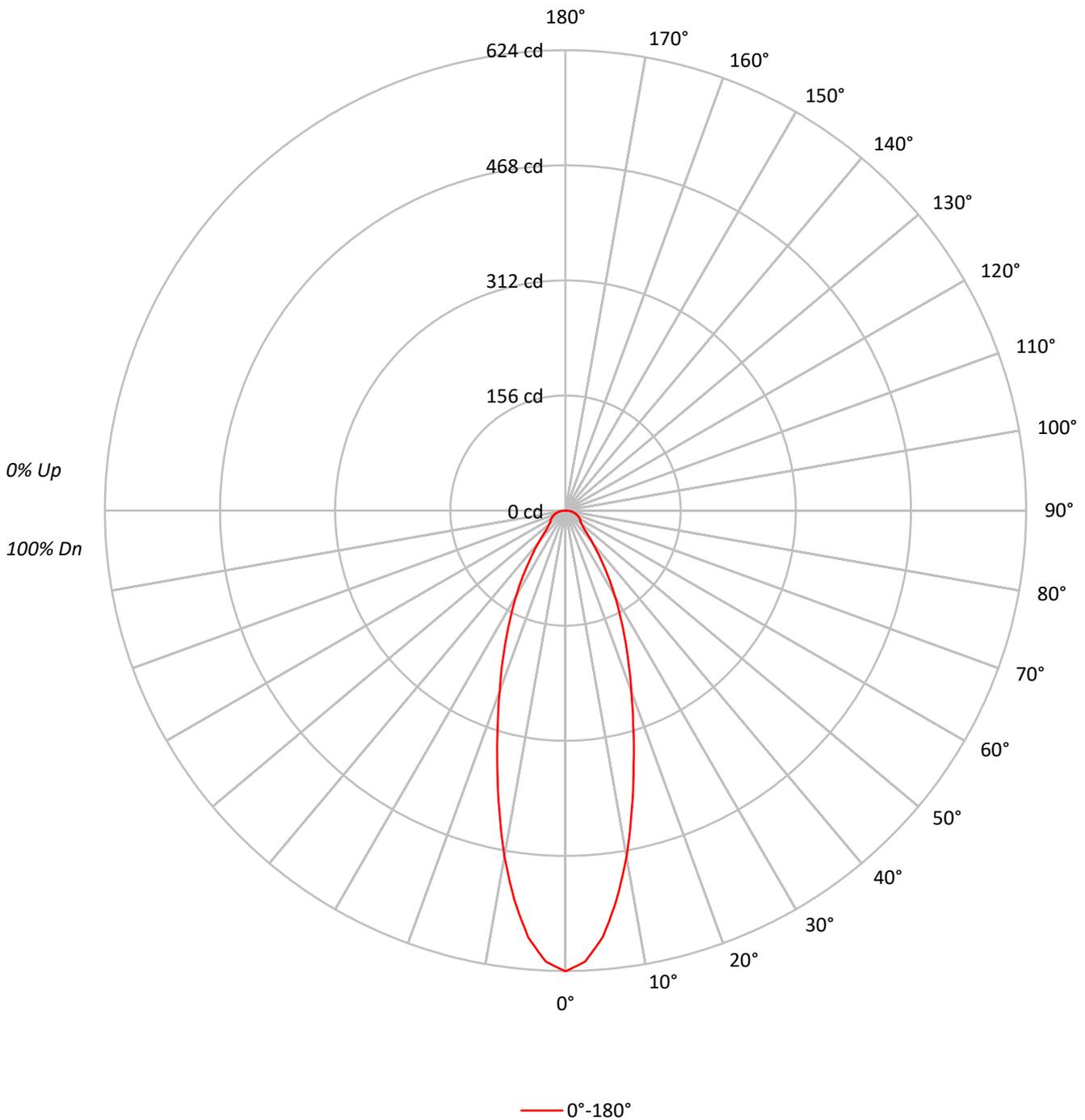
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 385.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136919
5°	127713
10°	105966
15°	81022
20°	60812
25°	45777
30°	33853
35°	23664
40°	16230
45°	11257
50°	9654
55°	9519
60°	9955
65°	10014
70°	10194
75°	10590
80°	11491
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 13272 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.0	13.5
10°-20°	99.2	25.8
20°-30°	87.3	22.7
30°-40°	56.4	14.6
40°-50°	29.9	7.8
50°-60°	22.5	5.8
60°-70°	19.1	5.0
70°-80°	13.5	3.5
80°-90°	5.2	1.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	238.5	62.0
0°-40°	294.9	76.6
0°-60°	347.2	90.2
0°-90°	385.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	385.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	624	
5°	580	52
15°	357	99
25°	189	87
35°	88	56
45°	36	30
55°	25	22
65°	19	19
75°	12	13
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	624.4
2.5°	611.9
5°	580.2
7.5°	531.4
10°	475.9
12.5°	414.7
15°	356.9
17.5°	304.8
20°	260.6
22.5°	223.2
25°	189.2
27.5°	159.8
30°	133.7
32.5°	109.9
35°	88.4
37.5°	71.4
40°	56.7
42.5°	45.3
45°	36.3
47.5°	31.7
50°	28.3
52.5°	26.1
55°	24.9
57.5°	23.8
60°	22.7
62.5°	20.4
65°	19.3
67.5°	18.1
70°	15.9
72.5°	14.7
75°	12.5
77.5°	11.3
80°	9.1
82.5°	7.9
85°	4.5
87.5°	2.3
90°	0.0

(END OF REPORT)